

## Site Cost Detail Report (with Markups)

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**System:**

RACER Version: RACER® Version 11.2.16.0

Database Location: C:\Users\KHiggins\Documents\RACER 11.2\Racer.mdb

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**Folder:**Folder Name: Wilcox RI

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**Project:**

ID: Wilcox Early Action

Name: Early Action

Category: None

Location

State / Country: OKLAHOMA

City: OKLAHOMA STATE AVERAGE

<u>Location Modifier</u>	<u>Default</u>	<u>User</u>	<u>Reason for changes</u>
	0.920	0.920	

Options

Database: System Costs

Cost Database Date: 2015

Report Option: Fiscal

<u>Description</u>
source removal

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**Site:**

## Site Cost Detail Report (with Markups)

ID: Wilcox

Name: Interim Action-Offsite Disposal NonHazardous

Type: None

### Media/Waste Type

Primary: Solids

Secondary: Soil

### Contaminant

Primary: Semi-Volatile Organic Compounds (SVOCs)

Secondary: Metals

### Phase Names

Pre-Study ☐

Study ☐

Design ☐

Removal/Interim Action ☒

Remedial Action ☐

Operations & Maintenance ☐

Long Term Monitoring ☐

Site Closeout ☐

### Documentation

Description: Data and Reports

Support Team: Documentation of personnel used to provide support for estimator and preparation of the estimate.

References: Documentation of reference sources used in the preparation of the estimate.

### Estimator Information

Estimator Name: Katrina Higgins-Coltrain

Estimator Title: RPM

Agency/Org./Office: EPA R6

Business Address: 1445 ross Ave, Dallas, 75202

Telephone Number: 2146658143

Email Address: coltrain.katrina@epa.gov

## Site Cost Detail Report (with Markups)

Estimate Prepared Date: 08/21/2017

Estimator Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### Reviewer Information

Reviewer Name:

Reviewer Title:

Agency/Org./Office:

Business Address:

Telephone Number:

Email Address:

Date Reviewed: 08/21/2017

Reviewer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## Site Cost Detail Report (with Markups)

Phase (Markup Template)	Direct Cost	Sub Overhead	Sub Profit	Prime Overhead	Prime Profit	Contingency	Owner Cost	Markup Total	Total
Five-Year review (System Defaults)	\$5,284	\$0	\$0	\$6,199	\$877	\$0	\$1,303	\$8,380	\$13,664
Lead Sweetening Area - 6533 cubic yards (System Defaults)	\$746,429	\$0	\$0	\$105,072	\$55,344	\$0	\$82,186	\$242,603	\$989,032
Lorraine Tank - 952 cubic yards (System Defaults)	\$118,115	\$0	\$0	\$28,327	\$9,848	\$0	\$14,624	\$52,799	\$170,914
NTF-1 - 818 cubic yards (System Defaults)	\$104,512	\$0	\$0	\$26,755	\$8,869	\$0	\$13,170	\$48,794	\$153,306
Pit 1 - 4270 cubic yards (System Defaults)	\$480,607	\$0	\$0	\$72,608	\$36,138	\$0	\$53,665	\$162,411	\$643,018
Tank 1 - 3322 cubic yards (System Defaults)	\$375,332	\$0	\$0	\$59,302	\$28,444	\$0	\$42,240	\$129,986	\$505,318
Tank 10 - 9902 cubic yards (System Defaults)	\$1,084,541	\$0	\$0	\$144,693	\$79,719	\$0	\$118,382	\$342,794	\$1,427,334
Tank 11 - 431 cubic yards (System Defaults)	\$63,595	\$0	\$0	\$21,848	\$5,912	\$0	\$8,779	\$36,538	\$100,133
Tank 12 - 4788 cubic yards (System Defaults)	\$534,587	\$0	\$0	\$78,777	\$39,978	\$0	\$59,367	\$178,122	\$712,708
Tank 3 - 3608 cubic yards	\$405,679							\$139,127	\$544,806

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Phase (Markup Template)	Direct Cost	Sub Overhead	Sub Profit	Prime Overhead	Prime Profit Contingency	Owner Cost	Markup Total	Total
(System Defaults)		\$0	\$0	\$62,986	\$30,640	\$0	\$45,501	
Total Site Cost	\$3,918,679	\$0	\$0	\$606,568	\$295,769	\$0	\$439,216	\$1,341,553
Total Site Cost								\$5,260,232

	Direct Cost	Markups	Total
Total Site Cost	\$3,918,679	\$1,341,553	\$5,260,232

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Cost Database Date: 2015

Report Option: Fiscal

<u>Description</u>	
source removal	

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**Site:**

## Site Cost Detail Report (with Markups)

ID: Wilcox  
Name: Wilcox - treatments  
Type: None

### Media/Waste Type

Primary: Sediment/Sludge  
Secondary: Solids

### Contaminant

Primary: Semi-Volatile Organic Compounds (SVOCs)  
Secondary: Volatile Organic Compounds (VOCs)

### Phase Names

Pre-Study ☐  
Study ☐  
Design ☐  
Removal/Interim Action ☐  
Remedial Action ☒  
Operations & Maintenance ☐  
Long Term Monitoring ☐  
Site Closeout ☐

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### Estimator Information

Estimator Name: Katrina Higgins-Coltrain  
Estimator Title: RPM  
Agency/Org./Office: EPA R6  
Business Address: 1445 Ross Ave, Dallas, 75202  
Telephone Number: 2146658143  
Email Address: coltrain.katrina@epa.gov

## Site Cost Detail Report (with Markups)

Estimate Prepared Date: 03/31/2017

Estimator Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### Reviewer Information

Reviewer Name:

Reviewer Title:

Agency/Org./Office:

Business Address:

Telephone Number:

Email Address:

Date Reviewed: 03/31/2017

Reviewer Signature: \_\_\_\_\_ Date: \_\_\_\_\_



## Site Cost Detail Report (with Markups)

Phase (Markup Template)	Direct Cost	Sub Overhead	Sub Profit	Prime Overhead	Prime Profit	Contingency	Owner Cost	Markup Total	Total
Wilcox Capping - evapotranspiration (System Defaults)	\$3,516,182	\$0	\$0	\$1,017,202	\$303,148	\$0	\$450,175	\$1,770,524	\$5,286,706
Wilcox Capping - RCRA D (System Defaults)	\$3,691,027	\$0	\$0	\$1,051,001	\$316,611	\$0	\$470,168	\$1,837,781	\$5,528,808
Wilcox Treatment - Ex- situ Land farming - organics (System Defaults)	\$3,427,252	\$0	\$0	\$671,184	\$264,895	\$0	\$393,370	\$1,329,449	\$4,756,701
wilcox treatment - Ex- situ stabilization (System Defaults)	\$7,164,995	\$0	\$0	\$894,719	\$504,553	\$0	\$749,262	\$2,148,533	\$9,313,528
Wilcox treatment - incineration (System Defaults)	\$151,126,317	\$0	\$0	\$390,289	\$9,777,586	\$0	\$14,519,715	\$24,687,590	\$175,813,907
wilcox treatment - in-situ stabilization (System Defaults)	\$5,747,153	\$0	\$0	\$691,016	\$415,875	\$0	\$617,575	\$1,724,466	\$7,471,619
wilcox treatment - low thermal desorption (System Defaults)	\$917,888,432	\$0	\$0	\$370,328	\$59,254,398	\$0	\$87,992,781	\$147,617,507	\$1,065,505,940

## Site Cost Detail Report (with Markups)

Total Site Cost	\$1,092,561,358	\$0	\$0	\$5,085,739	\$70,837,067	\$0	\$105,193,	\$181,115,851	\$1,273,677,209
Total Site Cost								\$1,273,677,209	

	Direct Cost	Markups	Total
Total Site Cost	\$1,092,561,358	\$181,115,851	\$1,273,677,209